

Table 8.1 – Electricity Sales

(Billion Kilowatthours)

	<u>1980</u>	<u>1990</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>	<u>2003</u>	<u>2010</u>	<u>2020</u>	<u>2025</u>
Electricity Sales by Sector ¹									
Residential	717	924	1,192	1,203	1,267	1,280	1,471	1,696	1,810
Commercial	488	751	1,055	1,089	1,116	1,119	1,466	1,854	2,088
Industrial	815	946	1,064	964	972	991	1,107	1,229	1,286
Transportation/Other ²	74	92	109	114	107	109	26	32	35
Total Sales	2,094	2,713	3,421	3,370	3,463	3,500	4,070	4,811	5,220
Direct Use ³	N/A	114	183	184	178	175	204	229	248
Total	2,094	2,827	3,605	3,554	3,641	3,675	4,274	5,040	5,467

Sources: EIA, *Annual Energy Outlook 2005*, DOE/EIA-0383(2005) (Washington, D.C., February 2005), Table A8; EIA, *Annual Energy Review 2003*, DOE/EIA-0384(2002) (Washington, D.C., September 2004), Table 8.9.

Notes:

¹ Electricity retail sales to ultimate customers reported by electric utilities and other energy service providers.

² Other includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, and interdepartmental sales through 2002. Transportation sector sales reported starting in 2010.

³ Commercial and industrial facility use of onsite net electricity generation; and electricity sales among adjacent or colocated facilities for which revenue information is not available.

Table 8.2 – Demand-Side Management

	<u>1980</u>	<u>1990</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>	<u>2003</u>
Load Management Peak Load Reductions (MW) ¹	NA	7,911	10,027	11,928	9,516	9,323
Energy Efficiency Peak Load Reductions (MW) ²	NA	5,793	12,873	13,027	13,420	13,581
Total Peak Load Reductions (MW)	NA	13,704	22,901	24,955	22,936	22,904
Energy Savings (Million kWh)	NA	20,458	53,701	54,762	54,075	50,265
Costs (Million 2000 \$) ³	NA	1,506	1,620	1,649	1,564	1,228

Sources: Sources: EIA, *Annual Energy Review 2003*, DOE/EIA-0384(2003) (Washington, D.C., September 2004), Table 8.13; EIA, *Electric Power Annual 2003*, DOE/EIA-0348(2003) (Washington, D.C., December 2004), table 9.1, 9.4 and 9.7

Notes:

The actual reduction in peak load reflects the change in demand for electricity that results from a utility demand-side management program that is in effect at the time that the utility experiences its actual peak load as opposed to the potential installed peak load reduction capability. Differences between actual and potential peak reduction result from changes in weather, economic activity, and other variable conditions.

¹ Load management includes programs such as direct load control and interruptible load control, and beginning in 1997, "other types" of demand-side management programs. "Other types" are programs that limit or shift peak loads from on-peak to off-peak time periods, such as space heating and water heating storage systems.

² Energy efficiency refers to programs that are aimed at reducing the energy used by specific end-use devices and systems, typically without affecting the services provided. From 1989 to 1996, energy efficiency includes "other types" of demand-side management programs. Beginning in 1997, these programs are included under load management.

³ Historical data converted to 2000 dollars using EIA *Annual Energy Review 2003*, Appendix D.

Table 8.3 - Electricity Sales, Revenue, and Consumption by Census Division and State, 2003

Census Division and State	Sales (MWh)	Revenue (million \$)	Average Revenue (¢/kWh)	Electricity Consumption (kWh/person)	Census Division and State	Sales (MWh)	Revenue (million \$)	Average Revenue (¢/kWh)	Electricity Consumption (kWh/person)
New England	122,641,448	12,816	10.4	8,636	East South Central	312,064,000	17,320	5.6	21,637
Connecticut	31,783,319	3,231	10.2	9,115	Alabama	83,844,220	4,929	5.9	18,617
Maine	11,971,837	1,172	9.8	9,144	Kentucky	85,219,631	3,763	4.4	20,693
Massachusetts	54,728,455	5,820	10.6	8,524	Mississippi	45,543,881	2,940	6.5	37,771
New Hampshire	11,005,912	1,188	10.8	8,540	Tennessee	97,455,808	5,687	5.8	16,673
Rhode Island	7,799,496	816	10.5	7,248	West South Central	93,991,704	35,198	7.1	15,046
Vermont	5,352,429	588	11.0	8,642	Arkansas	43,108,259	2,399	5.6	15,803
Middle Atlantic	361,813,094	36,437	10.1	8,995	Louisiana	77,769,322	5,387	6.9	17,306
New Jersey	76,589,333	7,245	9.5	8,862	Oklahoma	50,428,168	3,201	6.3	14,381
New York	144,222,104	17,936	12.4	7,507	Texas	322,685,955	24,211	7.5	14,599
Pennsylvania	141,001,657	11,256	8.0	11,398	Mountain	231,061,000	15,513	6.7	10,837
East North Central	563,972,401	36,894	6.5	12,302	Arizona	64,079,560	4,706	7.3	7,727
Illinois	135,973,629	9,359	6.9	10,750	Colorado	46,494,645	3,146	6.8	10,224
Indiana	100,467,779	5,393	5.4	16,206	Idaho	21,218,685	1,107	5.2	15,522
Michigan	108,877,193	7,461	6.9	10,799	Montana	12,691,252	782	6.2	13,823
Ohio	151,412,306	10,213	6.7	13,238	Nevada	30,131,660	2,499	8.3	13,438
Wisconsin	67,241,494	4,468	6.6	12,283	New Mexico	19,330,491	1,354	7.0	10,290
West North Central	260,667,000	15,720	6.0	15,647	Utah	23,860,350	1,290	5.4	10,144
Iowa	41,207,284	2,519	6.1	14,007	Wyoming	13,253,836	630	4.8	26,396
Kansas	36,735,390	2,333	6.3	13,482	Pacific Contiguous	362,037,959	35,117	9.7	8,017
Minnesota	63,087,339	3,791	6.0	21,500	California	238,709,728	27,741	11.6	6,731
Missouri	74,239,888	4,470	6.0	12,981	Oregon	45,194,730	2,795	6.2	12,680
Nebraska	25,856,566	1,458	5.6	14,882	Washington	78,133,501	4,580	5.9	12,743
North Dakota	10,461,108	572	5.5	16,516	Pacific				
South Dakota	9,079,990	577	6.4	11,871	Noncontiguous	15,954,518	2,088	13.1	8,410
					Alaska	5,563,682	584	10.5	8,582

South Atlantic	763,991,000	51,697	6.8	14,067	Hawaii	10,390,836	1,504	14.5	8,321
Delaware	12,599,590	877	7.0	15,400	U.S. Total	3,488,191,978	258,798	7.4	11,576
District of Columbia	10,879,622	808	7.4	19,511					
Florida	217,378,622	16,774	7.7	12,788					
Georgia	123,676,657	7,816	6.3	14,254					
Maryland	71,258,583	4,594	6.4	12,927					
North Carolina	121,335,121	8,329	6.9	14,408					
South Carolina	77,054,098	4,684	6.1	18,573					
Virginia	101,509,984	6,364	6.3	13,782					
West Virginia	28,296,993	1,450	5.1	15,621					

Sources: EIA, Electric Sales and Revenue 2003 Spreadsheets, Data Tables, http://www.eia.doe.gov/cneaf/electricity/esr/esr_tabs.html, Tables 1b, 1c, 1d, and U.S. Census Bureau, Annual Estimates of the Population for the United States and States, and for Puerto Rico: April 1, 2000, to July 1, 2004 (NST-EST2004-01) - State Population Estimates: 2003, http://www.census.gov/popest/national/files/NST_EST2004_ALLDATA.csv

Notes:

Revenue in 2003 dollars.

Includes bundled and unbundled consumers